(Use several (Use	DOCUMENT NUMBER 5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	839-1 APPLIC Roy P FILING Nove	Payne et al DATE TRADE WINTE TRADE WINTE GRO TRADE WINTE GRO GRO J.S. PATENT DOCUMENTS NAME Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.	7705,820 DUP 746 CLASS	SUBCLASS	FILING IF APPRO	
EXAMINER INITIAL DE SEVER INITIAL DE SEV	DOCUMENT NUMBER 5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	APPLIC Roy P FILING Nove DATE 05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	Payne et al DATE TRADE MARKE TRADE MARKE	746	SUBCLASS		
EXAMINER INITIAL /EMJ/	5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	DATE 05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	mber 13, 2003 J.S. PATENT DOCUMENTS NAME Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.	746	SUBCLASS		
EXAMINER INITIAL /EMJ/	5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	DATE 05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	mber 13, 2003 J.S. PATENT DOCUMENTS NAME Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.	746	SUBCLASS		
INITIAL C	5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	DATE 05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	NAME Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.		SUBCLASS		
INITIAL C	5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	DATE 05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	NAME Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.		SUBCLASS		
INITIAL C	5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	DATE 05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	NAME Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.	CLASS	SUBCLASS		
/EMJ/	5,413,477 5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	05/09/1995 11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	Moreland Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.	CLASS	SUBCLASS	IF APPRO	DPRIAT
/EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/	5,572,938 6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	11/12/1996 03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	Leger Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.				
/EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/	6,206,685 6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	03/27/2001 08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	Zamansky et al. Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.				
/EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/ /EMJ/	6,280,695 6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	08/28/2001 10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	Lissianski et al. Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.				
/EMJ/	6,471,506 US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	10/29/2002 11/15/2001 03/14/2002 08/01/2002 11/14/2002	Zamansky et al. Spokoyny Ridgeway et al. Madden et al. Zamansky et al.				
/EMJ/	US 2001/0041157 A1 US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	11/15/2001 03/14/2002 08/01/2002 11/14/2002	Spokoyny Ridgeway et al. Madden et al. Zamansky et al.				
/EMJ/ T/EMJ/ T/E	US 2002/0029690 A1 US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	03/14/2002 08/01/2002 11/14/2002	Ridgeway et al. Madden et al. Zamansky et al.				
/EMJ/ T/EMJ/ T/E	US 2002/0102189 A1 US 2002/0166484 A1 US 2002/0170431 A1	08/01/2002 11/14/2002	Madden et al. Zamansky et al.				
/EMJ/	US 2002/0166484 A1 US 2002/0170431 A1	11/14/2002	Zamansky et al.				
/EMJ/	US 2002/0170431 A1		<u> </u>				
/EMJ/ t /EMJ/ t /EMJ/ t /EMJ/ t		11/21/2002	01				
/EMJ/ t /EMJ/ t /EMJ/ t	· · · · · · · · · · · · · · · · · · ·		Chang et al.				
/EMJ/ T	US 2003/0009932 A1	01/16/2003	Kobayashi et al.				
/EMJ/	US 2003/0079606 A1	05/01/2003	Katz				
/EMJ/	US 2003/0091490 A1	05/15/2003	Nolan et al.				
	US 2003/0091948 A1	05/15/2003	Bool, III et al.				
/ LIVIO/	US 2003/0099912 A1	05/29/2003	Kobayashi et al.				
/EMJ/ T	US 2003/0099913 A1	05/29/2003	Kobayashi et al.				
/EMJ/ 1	US 2003/0104328 A1	06/05/2003	Kobayashi et al.				
/EMJ/ t	US 2003/0104937 A1	06/05/2003	Sinha	,			
/EMJ/ t	US 2003/0108470 A1	06/12/2003	Spencer et al.				
ΈMJ/ τ	US 2003/0108833 A1	06/12/2003	Kobayashi et al.			· · · · · ·	
/EMJ/	US 2003/0110994 A1	06/19/2003	Lissianski et al.				
	US 2003/0143128 A1	07/31/2003	Lanier et al.	1			
	US 2003/0147793 A1	08/07/2003	Breen et al.				
	US 2003/0154858 A1	08/21/2003	Kleut et al.				
1710/	•	FO	PREIGN PATENT DOCUMENTS		<u> </u>		
	· · · · · · · · · · · · · · · · · · ·					TRANSL	ATION
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

[EMJ] "Kinetic Models For Predicting the Behavior Of Mercury In Coal-Fired Power Plants", C. Senior, et al., ACERC Annual Conference, February 19-20, 2003, pp. 1-22.

[EMJ] "Evaluating The Effects of Low-NOx Retrofits on Carbon In Ash Levels!", K.A. Davis, et al. Presented at the Mega Symposium: EPRI-DOE-EPA Combined Utility Air Pollutant Control Symposium, Atlanta, GA, August 1999, pp. 1-15.

[Behavior of Mercury In Air Pollution Control Devices on Coal-Fired Utility Boilers!" Constance L. Senior, Prepared For Power Production in the 21" Century: Impacts of Fuel Quality and Operations, Engineering Foundation Conference, Snowbird, UT, October 28-November 2, 2001, pp. 1-17.

[EMJ] "Loss On Ignition In Coal Combustion Simulations", Stefan P. Domino et al., pp. 1-49 (1999).

[Reaction Engineering International brochure "Furnace Performance", Reaction Engineering International", printed from REI website on August 22, 2003, pp. 1-2.

[Examiner] **Examiner**

[Edward M. Johnson/ (03/14/2007) **Date Considered**

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

CITATION 839-1521 10/705,820	INFORMATION DISCLOSURE ATTY. DOCKET NO.						SERIAL NO.						
Roy Payme et al	1111 011			•			10/705 820						
FILING DATE SUBCLASS SUBCLASS FAPROPRIATE			011111011			· · · · · · · · · · · · · · · · · · ·	10,70	.5,020					
FILING DATE November 13, 2003 3746				Pov I	Dayme et al								
November 13, 2003 3746	(Use se	everal sheets if necessary)				GROUE	,		***			
U.S. PATENT DOCUMENTS	(03010101010101010111010111),												
FILING DATE NAME CLASS SUBCLASS FAPROPRIATE	· · · · · · · · · · · · · · · · · · ·			=			3/4	<u> </u>					
NAME CLASS SUBCLASS FAPPROPRIATE	*EYAMINE	<u> </u>	·		J.S. PATENT	DOCUMENTS				EII ING	DATE		
FEMJ				DATE		NAME			SUBCLASS				
	/EMJ/		6,604,474	08/12/2003	[Zamansky et al.							
	/EMJ/	\top	4,196,173	04/01/1980	ĺ	deJong et al.				-			
	/EMJ/	\top	4,233,274	11/11/1980		Allgulin		·					
FEMJ	/EMJ/	1	4,273,747	06/16/1981.		Rasmussen							
			4,814,152	03/21/1989		Yan							
FMJ		1	4,843,102	06/27/1989	ĺ	Horton							
		1	5,141,724	08/25/1992		Audeh et al.							
EMJ		1	5,409,522	04/25/1995		Durham et al.							
EMJ		1	5,695,726	12/09/1997		Lemer							
FEMJ 6,027,551 02/22/2000 Hwang et al.	/EMJ/	\top	5,787,823	08/04/1998		Knowles							
FMJ		+	6,027,551	02/22/2000		Hwang et al.							
FM.J		\top	6,451,094	09/17/2002		Chang et al.		•					
EMJ/ 6,558,454 05/06/2003 Chang et al. EMJ/ 6,595,147 07/22/2003 Teller et al. EMJ/ 6,719,828 04/13/2004 Lovell et al. EMJ/ US 2002/0095866 07/25/2002 Hassett EMJ/ US 2003/0005634 01/09/2003 Calderon et al. EMJ/ US 2003/0185718 10/02/2003 Sellakumar EMJ/ US 2004/0011057 01/22/2004 Huber FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2, (1997). Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ/ Rebum Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). EMJ/ FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 17, 2003. EMJ/ FlamemastEER™ Low NO, Burners", GE Power Systems, pp. 1-2, printed December 17, 2003. EMJ/ FlamemastEER™ Low NO, Burners", GE Power Systems, pp. 1-2, printed December 17, 2003. EMJ/ FlamemastEER™ Low NO, Burners", GE Power Systems, pp. 1-2, printed December 17, 2003.		1	6,521,021	02/18/2003		Pennline et al.		····			_		
EMJ/ 6,595,147 07/22/2003 Teller et al. EMJ/ 6,719,828 04/13/2004 Lovell et al. EMJ/ US 2002/0095866 07/25/2002 Hassett EMJ/ US 2003/005634 01/09/2003 Calderon et al. EMJ/ US 2003/0185718 10/02/2003 Sellakumar EMJ/ US 2004/0011057 01/22/2004 Huber FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2, 1-2 (1997). EMJ/ Comparison Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ/ Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). EMJ/ FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 2003. EMJ/ NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered		1	6,558,454	05/06/2003		Chang et al.							
EMJ/ 6.719,828 04/13/2004 Lovell et al. EMJ/ US 2002/095866 07/25/2002 Hassett EMJ/ US 2003/0005634 01/09/2003 Calderon et al. EMJ/ US 2003/0185718 10/02/2003 Sellakumar EMJ/ US 2004/0011057 01/22/2004 Huber FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) EMJ/ Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). EMJ/ Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). EMJ/ Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). EMJ/ FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 2003. EMJ/ NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M, Johnson/ (03/14/2007) Date Considered			6,595,147	07/22/2003				,					
EMJ/ US 2002/0095866 07/25/2002 Hassett EMJ/ US 2003/0005634 01/09/2003 Calderon et al. EMJ/ US 2003/0185718 10/02/2003 Sellakumar EMJ/ US 2004/0011057 01/22/2004 Huber FOREIGN PATENT DOCUMENTS THANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) /EMJ/ "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). (EMJ) "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ/ "Reburm Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). /EMJ "FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 2003. /EMJ "NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered		1	6,719,828	04/13/2004		Lovell et al.							
EMJ/ US 2003/0185718 10/02/2003 Sellakumar EMJ/ US 2004/0011057 01/22/2004 Huber FOREIGN PATENT DOCUMENTS THANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) [EMJ/ "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). [EMJ/ "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). [EMJ/ "FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 2003. [EMJ/ NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered	/EMJ/	\top	US 2002/0095866	07/25/2002		Hassett							
FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) [EM.] "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). [EM.] "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. [EM.] "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). [EM.] "FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 2003. [EM.] "NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. [Examiner / Edward M. Johnson/ (03/14/2007) Date Considered	/EMJ/	1	US 2003/0005634	01/09/2003		Calderon et al.	. 						
FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS THANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) [EM.] "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). [EM.] "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. [EM.] "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). [EM.] "FlamemastEER™ Low NO, Burners", GEA-13132, p. 1, printed December 2003. [EM.] "NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. [Examiner /Edward M. Johnson/ (03/14/2007) Date Considered	/FM.I/	+	US 2003/0185718	10/02/2003							·		
FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) [EM.] Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). [EM.] Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. [EM.] Rebum Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). [EM.] RiamemastEERTM Low NO, Burners", GEA-13132, p. 1, printed December 2003. [EM.] NO, Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. [Examiner /Edward M. Johnson/ (03/14/2007) Date Considered		╅	US 2004/0011057	01/22/2004									
THANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) /EM. / "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). /EM.J "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EM.J "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). /EM.J "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. /EM.J "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered	LIVIOI	+											
THANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) /EM. / "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). /EM.J "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EM.J "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). /EM.J "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. /EM.J "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered		T											
TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) /EM. / "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). /EM. / "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ/ "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). /EMJ/ "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. /EMJ/ "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered		╅			-	· · · · · · · · · · · · · · · · · · ·							
TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) /EM. / "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). /EM. / "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ/ "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). /EMJ/ "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. /EMJ/ "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered		+			- · · · · · - · · · · · · · · · · · · ·								
TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) /EM. / "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). /EM. / "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ/ "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). /EMJ/ "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. /EMJ/ "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered				FC	REIGN PATE	NT DOCUMENTS							
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). Comparison Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. EMJ							 -			TRANSI	ATION		
/EMJ/ "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). (EMJ) "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. (EMJ) "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). (EMJ) "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. (EMJ) "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. (Examiner /Edward M. Johnson/ (03/14/2007) Date Considered			DOCUMENT	DATE		COUNTRY		CLASS	SUBCLASS				
/EMJ/ "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). (EMJ) "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. (EMJ) "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). (EMJ) "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. (EMJ) "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. (Examiner /Edward M. Johnson/ (03/14/2007) Date Considered							Т						
/EMJ/ "Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997). (EMJ) "Combustion Optimization Using MPV Systems", Mark Khesin, et al., Pittsburgh Coal Conference, September 2000, pp. 1-4. (EMJ) "Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). (EMJ) "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. (EMJ) "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. (Examiner /Edward M. Johnson/ (03/14/2007) Date Considered			OTHER DOC	UMENTS (including Au	thor, Title, Date, Pe	rtinent	pages. 6	etc.)				
1-2 (1997). 1-2 (1997). 1-2 (1997). 1-2 (1997). 1-2 (1997). 1-2 (1997).	/EN/	1								Novack.	et al., pp.		
"Reburn Systems", GE Power Systems, Air Quality Systems & Services, pp. 1-3, GEA-13207 (2001). EMJ "FlamemastEER TM Low NO _x Burners", GEA-13132, p. 1, printed December 2003. "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner Edward M. Johnson/ (03/14/2007) Date Considered		4	<u>[1-2 (1997).</u>										
/EMJ "FlamemastEER™ Low NO _x Burners", GEA-13132, p. 1, printed December 2003. /EMJ "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered									ptember 2000	, pp. 1-4.			
/EMJ "NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003. Examiner /Edward M. Johnson/ (03/14/2007) Date Considered								07 (2001).					
Examiner /Edward M. Johnson/ (03/14/2007) Date Considered													
xaminer. Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include											land i		

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORM	ATION DISCLOSU	SERIAL NO.							
	CITATION	10/705,820							
	CITTIZION	839-1 APPLIC			10,,			· . <u>-</u> -	
		D I							
(Lien	several sheets if necessary)		Payne et al		- room	,	····		
(Use	several sheets if necessary)	FILING DATE GROUP							
		Nove	mber 13, 200	3	374	6			
		Ţ	J.S. PATENT	DOCUMENTS					
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	•	MANE	CLASS	SUBCLASS		DATE	
MITAL	DOCCIVIENT NUMBER	DATE	 	NAME		CLASS	SUBULASS	IF APPN	JPNIATE
				<u>,</u>					
							\		
						Ĩ			
							<u> </u>		
									
							-		
						<u> </u>			
						l			
				· · · · · · · · · · · · · · · · · · ·		<u> </u>			
		·	<u> </u>			ļ			
	<u> </u>			·					<u>.</u>
				<u> </u>					
		FC	PREIGN PATE	NT DOCUMENTS					
TRANSLATION									_ATION
	DOCUMENT	DATE		COUNTRY		CLASS	SUBCLASS	YES	NO
	OTHER DOC	UMENTS	including Au	thor, Title, Date, P	ertinent	pages,	etc.)		
[EMJ] "NO _x Control for Boilers", GE Power Systems, pp. 1-2, printed December 17, 2003.									
EMJ	"CoalogicTM", GE Power S	ystems, pp. 1	2, printed Decem	ber 17, 2003.	-,				
/EMJ/	"Coal Balancing & Blending", GE Power Systems, pp. 1-2, printed December 17, 2003.								
/EMJ	"NO _x Reduction", Hamon, pp. 1-2, December 8, 2003.								
/EMJ/	"Selective Catalytic Reduction (SCR)", Hamon, pp. 1-2, printed December 8, 2003.								
EMJ	"Selective Non-Catalytic R				8, 2003.				
/EMJ/	"SCR SNCR Hybrid System", Hamon, pp. 1-2, December 8, 2003.								
/EMJ/	"Evaluation of the Effect of								
/EMJ	John H. Pavlish et al., "Stat	us Review O	Mercury Contro	Options For Coal-Fire	d Power I	Plants", pp.	89-165, Fuel 1	Processing	;
	Technology 82 (2003). Thomas D. Brown et al., "Mercury Measurement And Its Control: What We Know, Have Learned, and Need To Further Investigate",								
/EMJ/	Journal of the Air & Waste	Management	Association, pp.	628-640, Volume 49, J	une 1999.	cance, an	u 1400u 101u	idici ilive.	Migate,
/EMJ/	Blair A. Folsom et al, "Con pp. 1-8, April 2001.						GE Power Sy	stems, GI	R-4192,
/EMJ/	R. Sehgal et al., "Intelligent Optimization of Coal Burning to Meet Demanding Power Loads, Emission Requirements, and Cost Objectives", GE Power Systems, GER-4198, pp. 1-14, October 2000.								
/EMJ/	The Washington Post, "Limiting Mercury Pollution Is Focus of Hot Debate", pp. A3, March 15, 2004.								
Examiner	/Edward M. Johnso			Date Considere					

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.